

ABSTRACT OF THE DISCOSURE

A tracking device for tracking a vehicle in which a radio transmitter is powered by heat energy of the exhaust system of an engine propelling the vehicle. A thermoelectric module is attached to a hot portion of the exhaust system. Electrical power generated by the thermoelectric module is used to power the transmitter. A preferred tracking device consists of one thermoelectric module, one transmitter, a flexible finned plate for dissipating heat, and two high Curie temperature magnets for attaching the device to the vehicle's tail pipe. The transmitter is mounted on the flexible finned plate with a thermal insulator in-between them.